

Amendment to the Claims:

This listing of claims will replace all prior versions of claims in the application:

1. (Currently Amended) A rigid and strong deep dish disposable container prepared from a radially scored, substantially planar paperboard blank, the container having a substantially planar bottom portion, an upwardly extending sidewall portion and an outwardly extending flange portion, at least one of said upwardly extending sidewall portions and said outwardly extending flange portions being provided with a plurality of circumferentially spaced radially extending densified regions formed from a plurality of paperboard layers reformed into substantially integrated fibrous structures generally inseparable into their constituent layers having a thickness generally equal to adjacent areas of the sidewall or flange portions, said deep dish disposable container being provided with a height to diameter ratio of from about 0.1 to about 0.16 and a characteristic flange width to diameter ratio of at least about 0.04, ~~and~~ wherein said densified regions extend over a profile distance corresponding to at least a portion of the length of the scores of the paperboard blank from which said container is formed, ~~wherein said radially scored paperboard blank has from about 60 to about 90 radial scores and the deep dish container being further characterized by an SSI Rigidity of at least 500 grams at 0.5 inch deflection.~~
2. (Original) The deep dish disposable container according to Claim 1, wherein said densified regions extend over a profile distance corresponding to at least about 50 percent of the length of the scores from which the container is formed.
3. (Original) The deep dish disposable container according to Claim 2, wherein said densified regions extend over a profile distance corresponding to at least about 75 percent of the length of the scores from which the container is formed.
4. (Original) The deep dish disposable container according to Claim 1, wherein said container further comprises a lip portion joined to said flange portion and extending downwardly therefrom.

5. (Original) The deep dish disposable container according to Claim 1, wherein said plurality of circumferentially spaced radially extending densified regions are formed from 2 to 3 layers of paperboard reformed into substantially integrated fibrous structures with a thickness generally equal to adjacent areas of the sidewall or flange portions.
6. (Original) The deep dish disposable container according to Claim 5, wherein said plurality of circumferentially spaced radially extending densified regions are formed from 2 up to a maximum of 3 layers of paperboard reformed into substantially integrated fibrous structures with a thickness generally equal to adjacent areas of the sidewall or flange portions.
7. (Canceled)
8. (Original) The deep dish disposable container according to Claim 7, wherein said radially scored paperboard blank has from about 60 to about 90 radial scores.
9. (Original) The deep dish disposable container according to Claim 8, wherein said radially scored paperboard blank has about 75 radial scores.
10. (Currently Amended) The deep dish disposable container according to Claim 7~~8~~, wherein the scores of said radially scored paperboard blank have a width of from about 0.01 inches to about 0.05 inches.
11. (Original) The deep dish disposable container according to Claim 8, wherein the scores of said radially scored paperboard blank have a width of about 0.03 inches.
12. (Original) The deep dish disposable container according to Claim 1 wherein said container has from about 0.015 inches to about 0.05 inches excess paperboard per score about said flange portion.
13. (Original) The deep dish disposable container according to Claim 12, wherein said container has from about 0.025 inches to about 0.04 inches excess paperboard per score about said flange portion.

14. (Original) The deep dish disposable container according to Claim 1, wherein said container has from about 50 percent to about 175 percent excess paperboard per score about said flange portion.
15. (Original) The deep dish disposable container according to Claim 14, wherein said container has from about 90 percent to about 140 percent excess paperboard per score about said flange portion.
16. (Original) The deep dish disposable container according to Claim 15, wherein said container has about 100 percent excess paperboard per score about said flange portion.
17. (Original) The deep dish disposable container according to Claim 1, wherein said deep dish disposable container has a height to diameter ratio of from about 0.125 to about 0.135.
18. (Original) The deep dish disposable container according to Claim 1, wherein the scores in the paperboard blank extend from the upper portion of the sidewall downwardly over at least about 75 percent of the height of the sidewall and terminate at a level substantially above said substantially planar bottom portion of said deep dish disposable container.
19. (Original) The deep dish disposable container according to Claim 1, wherein the characteristic flange width to diameter ratio is from about 0.04 to about 0.12.
20. (Original) The deep dish disposable container according to Claim 1, wherein the characteristic flange width to diameter ratio is at least about 0.05.
21. (Original) The deep dish disposable container according to Claim 1, wherein said paperboard blank is provided with a substantially liquid-impervious coating comprising an inorganic pigment and a water-based, press-applied overcoat.
22. (Currently Amended) A rigid and strong deep dish disposable container prepared from a radially scored, substantially planar paperboard blank, at least one surface of said

paperboard blank bearing a substantially liquid-impervious coating comprising an inorganic pigment and a water-based, press-applied overcoat, the container having a substantially planar bottom portion, an upwardly extending sidewall portion, an outwardly extending flange portion, and a lip downwardly extending therefrom, at least one of said upwardly extending sidewall portions and said outwardly extending flange portions being provided with a plurality of circumferentially spaced radially extending densified regions formed from two to three layers of paperboard reformed into substantially integrated fibrous structures generally inseparable into their constituent layers having a thickness generally equal to adjacent areas of the sidewall or flange portions, wherein the ratio of the height to diameter of said container is from at least about 0.1 to about 0.16, the ratio of the length of said downwardly extending lip to the diameter of said deep dish disposable container is from about 0.010 to about 0.030 and wherein said densified regions extend over a profile distance corresponding to at least a portion of the length of the scores of the paperboard blank from which said container is formed—, the deep dish container being further characterized by an SSI Rigidity of at least 500 grams at 0.5 inch deflection.

23. (Original) The deep dish disposable container according to Claim 22, wherein said densified regions extend over a profile distance corresponding to at least about 50 percent of the length of the scores from which the container is formed.
24. (Original) The deep dish disposable container according to Claim 23, wherein said densified regions extend over a profile distance corresponding to at least about 75 percent of the length of the scores from which the container is formed.
25. (Original) The deep dish disposable container according to Claim 22, wherein said container further comprises a lip portion joined to said flange portion and extending downwardly therefrom.
26. (Original) The deep dish disposable container according to Claim 22, wherein said plurality of circumferentially spaced radially extending densified regions are formed from 2 up to a maximum of 3 layers of paperboard in some portions reformed into substantially

integrated fibrous structures with a thickness generally equal to adjacent areas of the sidewall or flange portions.

27. (Original) The deep dish disposable container according to Claim 22, wherein said radially scored paperboard blank has from about 50 to about 100 radial scores.
28. (Original) The deep dish disposable container according to Claim 27, wherein said radially scored paperboard blank has from about 60 to about 90 radial scores.
29. (Original) The deep dish disposable container according to Claim 28, wherein said radially scored paperboard blank has about 75 radial scores.
30. (Original) The deep dish disposable container according to Claim 27, wherein the scores of said radially scored paperboard blank have a width of from about 0.01 inches to about 0.05 inches.
31. (Original) The deep dish disposable container according to Claim 30, wherein the scores of said radially scored paperboard blank have a width of about 0.03 inches.
32. (Original) The deep dish disposable container according to Claim 27 wherein said container has from about 0.015 inches to about 0.05 inches excess paperboard per score about said flange portion.
33. (Original) The deep dish disposable container according to Claim 32, wherein said container has from about 0.025 inches to about 0.04 inches excess paperboard per score about said flange portion.
34. (Original) The deep dish disposable container according to Claim 22, wherein said container has from about 50 percent to about 175 percent excess paperboard per score about said flange portion.

35. (Original) The deep dish disposable container according to Claim 34, wherein said container has from about 90 percent to about 140 percent excess paperboard per score about said flange portion.
36. (Original) The deep dish disposable container according to Claim 35, wherein said container has about 100 percent excess paperboard per score about said flange portion.
37. (Original) The deep dish disposable container according to Claim 22, wherein said deep dish disposable container has a height to diameter ratio of from about 0.125 to about 0.135.
38. (Original) The deep dish disposable container according to Claim 22, wherein the scores in the paperboard blank extend from the upper portion of the sidewall downwardly over at least about 75 percent of the height of the sidewall and terminate at a level substantially above said substantially planar bottom portion of said deep dish disposable container.
39. (Canceled) Claims 39-49
50. (Currently Amended) A deep dish disposable container formed of paper including a substantially planar bottom portion, an upwardly extending sidewall integrally formed with said substantially planar bottom portion and a flanged portion projecting outwardly from the upper extremity of said sidewall portion, wherein said upwardly extending sidewall defines an angle of from about 10° to about 40° from a vertical perpendicular to said substantially planar bottom portion and said outwardly projecting flange portion defines an angle of from about -10° to about $+15^\circ$ with a horizontal parallel to said substantially planar bottom portion and wherein further, said deep dish disposable container has a height to diameter ratio of from about 0.1 to about 0.16-, the deep dish container being further characterized by an SSI Rigidity of at least 500 grams at 0.5 inch deflection.
51. (Original) The deep dish disposable container according to Claim 50, wherein said deep dish disposable container has a height to diameter ratio of from about 0.125 to about 0.135.

52. (Original) The deep dish disposable container according to Claim 50, wherein said upwardly extending sidewall defines an angle of about 30° from a vertical perpendicular to said substantially planar bottom portion.
53. (Original) The deep dish disposable container according to Claim 52, wherein said outwardly projecting flange portion defines an angle of about 5° with a horizontal parallel to said substantially planar bottom portion.
54. (Original) The deep dish disposable container according to Claim 50, wherein said substantially planar bottom portion is joined to said upwardly extending sidewall by way of a first arcuate transition section defining a first radius of curvature, wherein the ratio of said first radius of curvature to the diameter of said deep dish disposable container is from about 0.035 to about 0.075.
55. (Original) The deep dish disposable container according to Claim 54, wherein the ratio of said first radius of curvature to the diameter of said deep dish disposable container is about 0.05.
56. (Original) The deep dish disposable container according to Claim 54, wherein said upwardly extending sidewall is joined to said flange portion by a second arcuate transition section defining a second radius of curvature wherein the ratio of said second radius of curvature to the diameter of said deep dish disposable container is from about 0.015 to about 0.045.
57. (Original) The deep dish disposable container according to Claim 50, further comprising a lip portion joined to said flange portion and extending downwardly therefrom.
58. (Original) The deep dish disposable container according to Claim 50, wherein said deep dish disposable container has a diameter between about 9 and about 10 inches and height from about 1 to about 1.5 inches.

59. (Original) The deep dish disposable container according to Claim 50, formed from a radially scored, substantially planar paperboard blank, wherein said container has a substantial excess of paperboard per score such that during forming, said upwardly extending sidewall and said flange portions are provided with a plurality of circumferentially spaced, radially extending densified regions formed from a plurality of paperboard layers reformed into substantially integrated fibrous structures generally inseparable into their constituent layers having a thickness generally equal to adjacent areas of the sidewall and flange portions.
60. (Original) The deep dish disposable container according to Claim 59, wherein said radially scored paperboard blank has from about 60 to about 90 radial scores.
61. (Original) The deep dish disposable container according to Claim 60, wherein the scores of said radially scored paperboard blank have a width of from about 0.01 inches to about 0.04 inches.
62. (Original) The deep dish disposable container according to Claim 59, wherein the scores of said radially scored paperboard blank have a width of from about 0.01 inches to about 0.04 inches.
63. (Original) The deep dish disposable container according to Claim 62, wherein the scores of said radially scored paperboard blank have a width of about 0.03 inches.
64. (Original) The deep dish disposable container according to Claim 59, wherein said container has from about 0.015 inches to about 0.05 inches excess paperboard per score about said flange portion.
65. (Original) The deep dish disposable container according to Claim 64, wherein said container has from about 0.025 inches to about 0.04 inches excess paperboard per score about said flange portion.

66. (Original) The deep dish disposable container according to Claim 59, wherein said container has from about 50 percent to about 175 percent excess paperboard per score about said flange portion.
67. (Original) The deep dish disposable container according to Claim 59, wherein said container has from about 90 percent to about 140 percent excess paperboard per score about said flange portion.
68. (Original) The deep dish disposable container according to Claim 67, wherein said container has about 100 percent excess paperboard per score about said flange portion.
69. (Original) The deep dish disposable container according to Claim 59, wherein said deep dish disposable container has a height to diameter ratio of from about 0.125 to about 0.135.
70. (Original) The deep dish disposable container according to Claim 59, wherein the scores of the paperboard blank extend from the upper portion of the sidewall downwardly over at least about 50 percent of the height of the sidewall and terminate at a level substantially above said substantially planar bottom portion of said deep dish disposable container.
71. (Original) The deep dish disposable container according to Claim 59, wherein the scores in the paperboard blank extend from the upper portion of the sidewall downwardly over at least about 75 percent of the height of the sidewall and terminate at a level substantially above said substantially planar bottom portion of said deep dish disposable container.
72. (Currently Amended) A rigid and strong deep dish disposable container prepared from a radially scored, substantially planar paperboard blank, the container having a substantially planar bottom portion, an upwardly extending sidewall portion, an outwardly extending flange portion, and a lip downwardly extending therefrom, at least one of said upwardly extending sidewall portions and said outwardly extending flange portions being provided with a plurality of circumferentially spaced radially extending densified regions formed from two to three layers of paperboard reformed into substantially integrated fibrous structures generally inseparable into their constituent layers having a thickness generally

equal to adjacent areas of the sidewall or flange portions, wherein the ratio of the height to diameter of said container is from at least about 0.1 to about 0.16, the ratio of the length of said downwardly extending lip to the diameter of said deep dish disposable container is from about 0.010 to about 0.030 and wherein said densified regions extend over a profile distance corresponding to at least about 50 percent of the length of the scores of the paperboard blank from which said container is formed—, the deep dish container being further characterized by an SSI Rigidity of at least 500 grams at a 0.5 inch deflection.

73. (Original) The deep dish disposable container according to Claim 72, wherein said densified regions extend over a profile distance corresponding to at least about 75 percent of the length of the scores from which the container is formed.

74. (Original) The deep dish disposable container according to Claim 72, wherein said container further comprises a lip portion joined to said flange portion and extending downwardly therefrom.

75. (Original) The deep dish disposable container according to Claim 72, wherein said radially scored paperboard blank has from about 50 to about 100 radial scores.

76. (Original) The deep dish disposable container according to Claim 75, wherein said radially scored paperboard blank has from about 60 to about 90 radial scores.

77. (Original) The deep dish disposable container according to Claim 76, wherein said radially scored paperboard blank has about 75 radial scores.

78. (Original) The deep dish disposable container according to Claim 75, wherein the scores of said radially scored paperboard blank have a width of from about 0.01 inches to about 0.05 inches.

79. (Original) The deep dish disposable container according to Claim 78, wherein the scores of said radially scored paperboard blank have a width of about 0.03 inches.

80. (Original) The deep dish disposable container according to Claim 79, wherein said container has from about 0.015 inches to about 0.05 inches excess paperboard per score about said flange portion.

81. (Original) The deep dish disposable container according to Claim 80, wherein said container has from about 0.025 inches to about 0.04 inches excess paperboard per score about said flange portion.

82. (Original) The deep dish disposable container according to Claim 72, wherein said container has from about 50 percent to about 175 percent excess paperboard per score about said flange portion.

83. (Original) The deep dish disposable container according to Claim 82, wherein said container has from about 90 percent to about 140 percent excess paperboard per score about said flange portion.

84. (Original) The deep dish disposable container according to Claim 83, wherein said container has about 100 percent excess paperboard per score about said flange portion.

85. (Original) The deep dish disposable container according to Claim 72, wherein said deep dish disposable container has a height to diameter ratio of from about 0.125 to about 0.135.

86. (Original) The deep dish disposable container according to Claim 72, wherein the scores in the paperboard blank extend from the upper portion of the sidewall downwardly over at least about 75 percent of the height of the sidewall and terminate at a level substantially above said substantially planar bottom portion of said deep dish disposable container.

Claims 87-107 (Canceled)

108. (New) A rigid and strong deep dish disposable container prepared from a radially scored, substantially planar paperboard blank, the container having a substantially

planar bottom portion, an upwardly extending sidewall portion and an outwardly extending flange portion, at least one of said upwardly extending sidewall portions and said outwardly extending flange portions being provided with a plurality of circumferentially spaced radially extending densified regions formed from a plurality of paperboard layers reformed into substantially integrated fibrous structures generally inseparable into their constituent layers having a thickness generally equal to adjacent areas of the sidewall or flange portions, said deep dish disposable container being provided with a height to diameter ratio of from about 0.1 to about 0.16 and a characteristic flange width to diameter ratio of at least about 0.04, wherein said densified regions extend over a profile distance corresponding to at least a portion of the length of the scores of the paperboard blank from which said container is formed, the deep dish container being further characterized by an SSI Rigidity of at least 500 grams at 0.5 inch deflection.

109. A rigid and strong deep dish disposable container prepared from a radially scored, substantially planar paperboard blank, the container having a substantially planar bottom portion, an upwardly extending sidewall portion and an outwardly extending flange portion, at least one of said upwardly extending sidewall portions and said outwardly extending flange portions being provided with a plurality of circumferentially spaced radially extending densified regions formed from a plurality of paperboard layers reformed into substantially integrated fibrous structures generally inseparable into their constituent layers having a thickness generally equal to adjacent areas of the sidewall or flange portions, said deep dish disposable container being provided with a height to diameter ratio of from about 0.1 to about 0.16 and a characteristic flange width to diameter ratio of at least about 0.04, wherein said densified regions extend over a profile distance corresponding to at least a portion of the length of the scores of the paperboard blank from which said container is formed, wherein said radially scored paperboard blank has from about 60 to about 90 radial scores.